

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Tsutomu SHIGA, Nobuyuki HAYASHI, Masanori OHMI and Sadayoshi
KAJINO

Application No.: Reissue Application of U.S. Patent No. 5,760,485 issued
June 2, 1998 (U.S. Patent Application Serial
No. 08/600,991 -- National Stage of PCT Application
No. PCT/JP94/02166 filed December 19, 1994)

Docket No.: 117386.99

Filed: December 23, 2003

For: STARTER

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. References N, O, T, U and V were cited in a Japanese Opposition Brief. An English language version of the Opposition Brief is attached for the Examiner's information.
- ☒ 3. Concise explanations of the relevance of the non-English language References P, Q and R are attached hereto.
- ☒ 4. English-language Abstracts of the non-English language References O and S are attached hereto.

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- ☒ 5. References A-M listed on the attached Form PTO-1449 were cited by or submitted to the Office in parent application No. 08/600,991 filed March 1, 1996, of which this application is a reissue. Thus, copies of these references are not attached. 37 CFR §1.98(d).

Respectfully submitted,



James A. Oliff
Registration No. 27,075

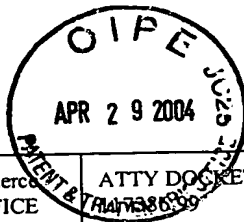
Jacob A. Doughty
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Date: December 23, 2003

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Form PTO-1449
(REV. 8-83)US Dept. of Commerce
PATENT & TRADEMARK OFFICEATTY DOCKET NO.
44738639APPLICATION NO.
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(Use several sheets if necessary)

APPLICANT(S)

Tsutomu SHIGA, Nobuyuki HAYASHI, Masanori OHMI and Sadayoshi
KAJINOFILING DATE
December 23, 2003

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	A	4,268,772	5/1981	Workman		
	B	4,481,424	11/1984	Hattori et al.		
	C	4,674,344	6/1987	Kazino et al.		
	D	4,819,975	4/1989	Morishita et al.		
	E	4,970,908	11/1990	Isozumi et al.		
	F	5,130,596	7/1992	Umeki		
	G	5,508,566	4/1996	Nagao et al.		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	H	387 073	9/1990	Europe		
	I	387 666	9/1990	Europe		
	J	0 582 429	2/1994	Europe		
	K	582 429	2/1994	Europe		
	L	2 614 363	10/1988	France		
	M	3-115776	5/1991	Japan		

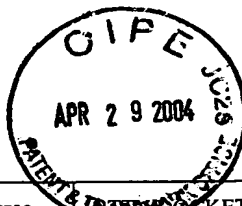
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 2 of 2Form PTO-1449
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	N	4,573,364	3/1986	Givan		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	O	JP A 2-238171	9/1990	Japan w/Abstract		
	P	JP B2-25-3524	11/1925	Japan		
	Q	JP 62-165474	10/1987	Japan		
	R	JP U 56-99064	8/1981	Japan		
	S	JP A 6-159205	6/1994	Japan w/Abstract		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	T	"Hitachi Automobile Part Technical News No. 63", September 12, 1994.
	U	"1993, Hitachi Electrical Component Parts Catalog I", May 20, 1993.
	V	JM Book Series Gear, May 15, 1984.

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